

From: [Garyg Miller](#)
To: [Barbara Nann](#); [Dipanjana Bhattacharya](#); [Kevin Shade](#); [Susan Roddy](#)
Subject: Fw: Gulfco BERA Field Update
Date: 08/20/2010 07:16 AM

Gary Miller, P.E.
Remediation Project Manager
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----- Forwarded by Garyg Miller/R6/USEPA/US on 08/20/2010 07:15 AM -----

From: "Paddack, Mark" <mpaddack@eaest.com>
To: Garyg Miller/R6/USEPA/US@EPA
Cc: "Startz, Tim" <tstartz@eaest.com>
Date: 08/19/2010 04:38 PM
Subject: FW: Gulfco BERA Field Update

Mr. Miller:

I just wanted to provide you the below update that Mike provided me for the Gulfco Marine Site. Mike's assessment of the locations for pore water samples are in agreement with the list PBW provided you. It does sound like though, they have been getting rain today, which depending on how long/how much rain they get, could increase the odds of them being able to collect pore water samples from some of the areas that have been dry.

I will continue to provide you updates as I receive them.

Thanks,
Mark Paddack
EA Project Manager

From: Chanov, Michael
Sent: Thursday, August 19, 2010 4:14 PM
To: Paddack, Mark
Subject: RE: Gulfco BERA Field Update

Mark,

Here is an update on the pore water sites.

1. Sediment on the surface was saturated - It is very likely we can collect a pore water sample from these sample locations: EWSED01, EWSED02, and EWSED08
2. Sediment was moist on the surface but not saturated - It might be possible to collect a pore water sample from these sample locations: EWSED03, EWSED04, EWSED05, EWSED06, EWSED07 and EWSED09.

However, we have had rain all day today. It is my opinion that the best case scenario gauging from the predicted forecast (hot and dry) is the one sent below from Mr. Miller. However, I feel that the more likely scenario is that some of the 2's in the lower list may not actually produce enough pore water. Additionally, Neil with benchmark asked me what was considered pore water after a rain event, i.e. is there a timeframe post rain that needs to occur before the sample can be collected. All in all, I do not think it will take the full two weeks, however I think they are going to try for a substantial amount of time to get enough water from the sites. If you have any questions please feel free to call me.

Mike



9543062

From: Paddack, Mark
Sent: Wednesday, August 18, 2010 3:11 PM
To: Miller.Garyg@epamail.epa.gov
Cc: Chanov, Michael
Subject: RE: Gulfco BERA Field Update

Mr. Miller:

I appreciate you providing me the below communication. I have also copied Mike so that he can provide input on the condition of these sample locations, as requested.

Thanks,
Mark Paddack
EA Project Manager

From: Miller.Garyg@epamail.epa.gov [mailto:Miller.Garyg@epamail.epa.gov]
Sent: Wednesday, August 18, 2010 2:05 PM
To: Paddack, Mark
Subject: Fw: Gulfco BERA Field Update

Mark,

Yes, regarding the wet vs dry locations, please see Eric's email below. I would appreciate any comments EA may have on these conditions as well.

Thanks,

Gary Miller, P.E.
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----- Forwarded by Garyg Miller/R6/USEPA/US on 08/18/2010 02:02 PM -----
From:

"Eric Pastor" <eric.pastor@pbwllc.com>

To:

Garyg Miller/R6/USEPA/US@EPA

Cc:

"Luda Voskov" <LVOSKOV@tceq.state.tx.us>

Date:

08/16/2010 03:55 PM

Subject:

Gulfco BERA Field Update

Hi Gary -

On Friday morning, I left you a voice mail regarding our potential inability to collect pore water samples at all of the proposed BERA wetland sediment sample locations due to current Site conditions. As I indicated in my voice mail, of the nine wetland sediment sample locations, three are anticipated to yield pore water, three are not expected to yield pore water, and three are not certain as to whether they will yield pore water. Benchmark (the sampling crew) visited each of the wetland sediment sample stations last Thursday and classified the stations as listed below. These conditions were

also observed by the EA representative last Friday.

1. Sediment on the surface was saturated - It is very likely we can collect a pore water sample from these sample locations: EWSED01, EWSED02, and EWSED08.
2. Sediment was moist on the surface but not saturated - It might be possible to collect a pore water sample from these sample locations: EWSED04, EWSED06, and EWSED07.
3. Sediment was dry on the surface - there would be no chance of collecting a pore water sample with conditions like last Thursday from these sample locations: EWSED03, EWSED05, and EWSED09.

None of the wetland sediment sample locations had any overlying water. Most of the sediments are very similar. There is a thin layer of organic material and silt over clay. Only one of the three wetland surface water locations, EWSW01 (north of the north area), had surface water present.

Per our previous discussions, I wanted to provide this information to you right away. Sampling for the BERA is currently scheduled to be completed by August 30. If site conditions change during this time period (e.g., due to a significant rain event) we will re-evaluate whether pore water can be collected from EWSED03, EWSED05, and EWSED09, and whether surface water is present at the locations EWSW02 and EWSW03 such that those locations can be sampled. Please let me know if you have any questions/comments or would like additional details.

Thanks.

Eric Pastor
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